

## TECHNICAL SPECIFICATIONS

Print technology	DOD piezo electric print heads Automatic Print Head Maintenance System for purging, wiping and capping
Curing system	UV-LED pinning and curing lamps
Ink	UV curable inks, CMYK + Orange + Green, Varnish 3L ink tanks
Media	Handling: tight web continuous roll feed Types: self-adhesive label stock, coated paper, cast coated paper, uncoated paper, aluminium foil, etc. Web width: max. 165 mm (6.50"); Thickness: 0.08 -0.50 mm (3.15 -19.68 mils) Roll diameter: max. 450 mm (17.72"); Roll weight: max. 50 kg (110 lbs) Core diameter: 76.2 mm (3.0")
Environment requirements	Temperature: 16 - 28°C (61 - 82°F) Relative humidity: 40 - 60% (Recommended) Altitude: up to 1000 m (3281 ft)
Power requirements	Print Engine AC Voltage: 380 V; Frequency: 50 Hz; Power Max: 6780 W; Current Max.: 12 A Transport AC Voltage: 230 V; Frequency: 50 Hz; Power Max: 1100 W; Current Max.: 5 A
Connectivity	Fast Ethernet
Dimensions (W x D x H)	1720 mm x 1060 mm x 1800 mm (67.72" x 41.73" x 70.87")
Weight	1500 kg (3306.93 lbs)

	Scorpio 54	Scorpio 75	Scorpio 108	Scorpio 150
Print head model*	Ricoh Gen6	Konica Minolta 1800i	Kyocera	Konica Minolta 1800i
Print head number	6	6	6	6 x 2
Droplet size	min. 7pl, Variable Droplet Size	min. 3.5pl, Variable Droplet Size	min. 6pl, Variable Droplet Size	min. 3.5pl, Variable Droplet Size
Print width	54 mm (2.13")	75 mm (2.95")	108 mm (4.25")	150 mm (5.9")
Colour	CMYK + Orange + Green ( also available in CMYK. Field upgradeable to Orange + Green)			
Print resolution	600 x 600 dpi, 600 x 300 dpi			
Print productivity	up to 30 m/ min. (98.4 ft/ min.)			

\*For print head models or customized configurations, please feel free to contact us.

## APPLICATIONS



- Hang Tags
- Tickets
- Lotteries/ Bingos



- Foil Packaging
  - Food lids, caps, seals and wrappers
  - Beverage lids, caps and seals
  - Pharmaceutical lids, caps and seals



- Labels
  - Special food and beverage
  - Body and health care
  - Household chemicals
  - Industrial and security labels
  - Electronics and automotive labels



# Scorpio 6C Series

## Digital UV Label Press



- Up to 30 m/ min. at 600 x 600 DPI
- CMYK + Or + Gr; CMYK + Varnish
- NuviPRINT® PDF RIP Software
- PANTONE® matching suit
- 54 mm, 75 mm, 108 mm or 150 mm print width
- Full automatic print head cleaning system
- UV-LED pinning and full curing



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Mailing & Printing



Packaging & Coding



Security Printing



Full Color Digital Printing

# THE CHANCE TO MEET YOUR DIGITAL FUTURE

Scorpio 6C Series offers a maximum web width of 165 mm and a print width up to 150 mm with the ability to print on a wide range of substrates, including self-adhesive label stock, coated paper, cast coated paper, uncoated paper, and aluminium/blister foils.

Scorpio 6C Series comes with CMYK-Or-Gr or a combination to suit your application(s) for the best possible colour gamma achievable. Scorpio 6C series is available in different print widths 54 mm, 75 mm, 108 mm, and 150 mm print width.

Scorpio 6C Series can print static and/or Variable images giving endless flexibility whilst increasing profitability for commercial printers or in-house production.

## Advanced Print Head Control Technology

Amica's proprietary VDS (Variable Droplet Size) control technology produces vivid colours, smooth gradients, as well as crisp and clear small-sized texts and lines, providing you with high-quality final prints.

## Automatic and Accurate Media Feeding Control

The servo-driven system ensures high-precision at all speeds which work together with a high accuracy web guiding system.

## Variable Data Printing Builds Added Value Applications

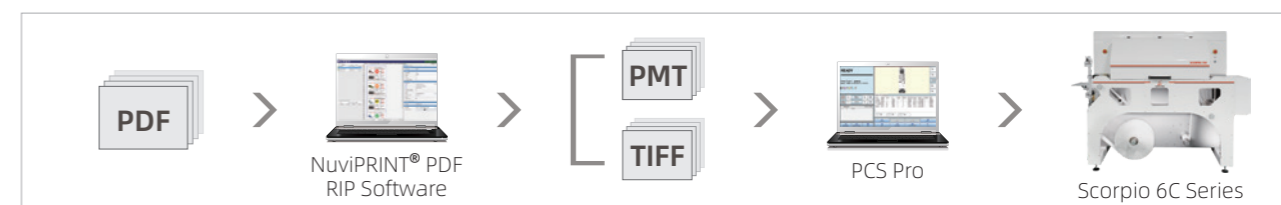
Scorpio 6C Series works seamlessly with NuviPRINT® RIP software and Professional Printer Control Software (PCS Pro) for colour variable data printing (VDP). Several types of variable data, such as text, dates, time, graphics, logos, serial numbers, barcodes, and photo images, can be printed out. Variable data printing helps you create added value applications and obtain more business opportunities for personalized printing.



Variable Data Printing

## Streamlined PDF Production Workflow

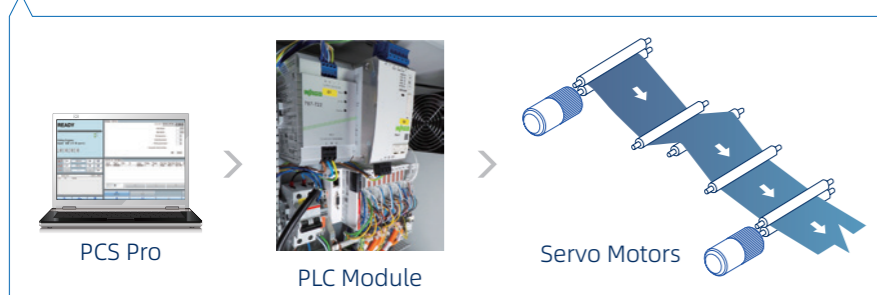
NuviPRINT® PDF RIP workflow not only implements a streamlined approach, but makes predictable and high-quality output as well. NuviPRINT® PDF RIP software, embedded with native Adobe® PDF Print Engine (APPE), ensures fast and accurate output of PDF files. Also NuviPRINT® can be connected seamlessly to internal ERP systems via secure hot-folders.



## FEATURES

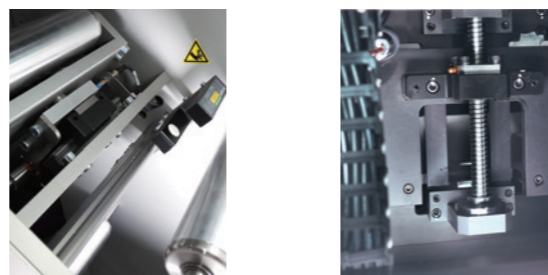
### Convenient PLC module control

For different materials such as PVC, PET, PP, etc., relevant parameters can be directly set through PCS Pro software to control the PLC module for tension adjustment.



### Web-guiding system

The web-guiding system with movable ultrasonic edge guide sensor keep material perfectly aligned and on track. A warning will be displayed when the web guide reaches the limits of travel.

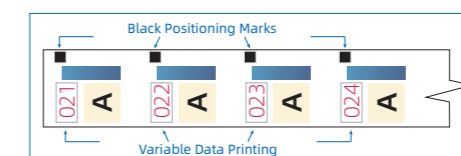


### Automatic printhead cleaning

Allows fully automatic purging, wiping, and capping to reduce time for daily maintenance.

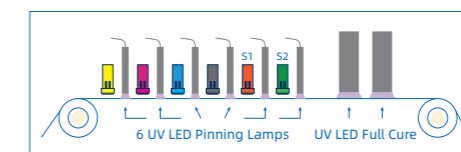
### Stable Z-axis movement

The Z-axis control system with a high-precision ball screw improves the accuracy of repeated positioning when the printing module moves vertically, ensuring that the distance between the nozzle and the material is always the same.



### Tracking & Positioning

By dynamically tracking black square marks for positioning, precise registering of variable data can be achieved on preprinted substrates, including barcodes, 2D codes, times, serial numbers, dates, graphics, images, etc.

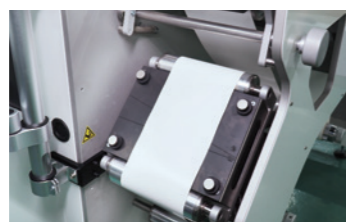


### Controlling image quality through pinning

UV-LED pinning "freezes" ink droplets to control dot gain before overlaying follow-up colours or while fully curing.

### Splice table

With easy access achieves fast roll switch and comfortable working position.



### Independent negative pressure control

Equipped with an independent automatic negative pressure control system for each ink channel, ensuring high-quality printing at higher firing frequency.



### Servo-driven rewinder

The servo-driven rewinder is driven by a servo motor and features automatic synchronous rewinding and instant paper break detection.



### Vacuum table

The vacuum table equipped with two turbine fans firmly fixes the printing media, ensuring its flatness during printing.



### Automatic ink supply system

3L double-inlet bulk ink tanks with built-in liquid level sensors alarm the shortage of ink.



### Servo-driven unwinder

The servo-driven unwinder is driven by a servo motor and features automatic synchronous unwinding, automatic reverse winding, and instant paper shortage detection.